

PROGRAMS AND SERVICES

Professional-technical education programs provide individuals with the technical knowledge and skills needed to prepare for employment in current or emerging fields, or to continue their education. The scope of the professional-technical education ranges from career awareness and prevocational skill development at the junior high/middle school level to highly specialized, customized training for Idaho industry at the postsecondary level.

The foundation of professional-technical education is the technical training programs. While over the years many of the general program areas have remained the same, specific program content has changed dramatically to keep pace with rapid technological advances in the work environment. Professional-technical education programs also include the connections within and among technology, science, mathematics, communications and other academic disciplines. Idaho's technical training programs include:

- Agricultural Science and Technology
- Business and Office Technology
- Family and Consumer Sciences
- Health Professions Education
- Individualized Occupational Training (IOT)
- Marketing Education
- Technology Education
- Trade and Industry
- Emergency Services Training
- Career Guidance

Agricultural Science and Technology (AST) --prepares students for careers in dynamic, global, natural resource based industries. Rapidly changing technologies lead to exciting new career opportunities in the agricultural community. Environmental management, food quality assurance, biotechnology, horticulture, turf and landscape management, agricultural research, toxicology, aquaculture, communications, international marketing and many other emerging fields all link to the central agricultural core of production, processing and distribution of food and fiber products. Agricultural Science and Technology programs also build global awareness and develop student leadership for the food, fiber and natural resource systems. Farm Business Management, under the AST program, is a three-year curriculum to assist farm families to develop the management skills necessary to analyze their business enterprises and operate a profitable business.

The student organizations affiliated with Agricultural Science and Technology programs are:

FFA – Idaho FFA Association and **IPAS--Intermountain Postsecondary Agriculture Student Organization of Idaho.**



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Business and Office Technology--prepares students for entry into and advancement in business and management careers. Students are able to select and apply the tools of technology as they relate to personal and business decision making. They develop the ability to participate in business transactions in both the domestic and international arenas. Students use accounting procedures to make decisions about planning, organizing and allocating resources. They apply the principles of law in personal and business settings. Finally, students develop interpersonal, teamwork and leadership skills necessary to function in diverse business settings.



Today's students.
Tomorrow's business professionals.

The student organization affiliated with Business and Office Technology programs is B.P.A. – **Business Professionals of America**.

Family and Consumer Sciences—helps to prepare students for success in employment and personal life as well as for a variety of careers in early childhood professions, food production and management, housing and interiors, apparel design and merchandising, hospitality and education and human services. Students may apply their knowledge and skills to directly enter the workforce or to continue their education at a technical college or a university. Family and Consumer Sciences education is designed to assist individuals in managing and balancing life in the home, community and workplace.



The student organization affiliated with Family and Consumer Sciences is F.C.C.L.A. – **Family, Career and Community Leaders of America**.

Health Professions Education--prepares students for careers in Idaho's health care industry in secondary, postsecondary and short-term training settings. The secondary experience allows students to learn about career options and gain some basic competencies, including specific training as health care aides. The postsecondary experience expands training opportunities in a number of fields including nursing, surgical technology, dental assisting, health information technology, intermediate emergency medical technician/paramedic, medical assisting and physical therapy assisting.



The student organization affiliated with Health Professions Education is H.O.S.A. – **Health Occupations Students of America**.

Individualized Occupational Training (IOT) --combines a school-based career class with work-based technical training. IOT programs capitalize on student interests and strengths and extend the range of professional-technical training a school can offer. The program's design includes three foundational components: school-based, work-based, and connecting activities and prepare students for work or further postsecondary education.

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Marketing Education --provides classroom instruction and work-based experiences in Marketing, Business, Management and Entrepreneurship, E-Business, Communication and Interpersonal Skills, and Economics. The following areas of study are presented in terms of their relationship to marketing of goods, services, or ideas: Distribution, Financing, Marketing Information Management, Pricing,

Product/Service Management, Promotion and Selling. Youth and adults are prepared for careers in sales, advertising, food and restaurant marketing, hospitality and tourism, hotel and motel marketing/management and international marketing.

The student organizations affiliated with Marketing Education are: DECA – ***Students in Marketing Education*** and DEX -***Delta Epsilon Chi***.



Technology Education-- teaches students to be technologically literate. Students study, design, research, construct and test structures, materials, and techniques commonly used in today's highly advanced industrial applications. Instruction is centered around informational, physical, and biological/chemical systems. These areas comprise the umbrella of knowledge needed to function in a technological world and include the connections within and among technology, science, mathematics and other academic disciplines. Students develop critical thinking and problem solving abilities at increased levels of complexity.

The student organization affiliated with Technology Education is T.S.A. – ***Technology Student Association***.



Trade and Industry -- teaches students to be technically prepared for the ever-evolving workplace. Students must be academically prepared with a foundation in communications, science and mathematics. Programs use industry standards as the basis for their curricula and cover approximately 40 occupational areas such as electronics, robotics, automotive technology, welding, graphics and design, computer networking, broadcast technology and journalism. Students at the secondary level follow a three-year sequence of instruction including a multiple period at the senior year to master competencies to meet industry standards. Emphasis in the Trade and Industry area is to obtain occupational skills in order to function effectively in the workplace. Postsecondary programs prepare students to perform advanced level problem solving and technical skills in the workplace.

The student organization affiliated with Trade and Industry is **Skills USA-VICA**.



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Emergency Services Training (EST)--provides fire, rescue, hazardous materials and anti-terrorism training for agencies and personnel within the Idaho Public Safety Sector. Training programs for paid and volunteer firefighters meet the International Fire Service Accreditation Congress (IFSAC) accreditation to provide firefighter certification for Idaho firefighters.



Career Guidance--provides schools with the tools and services to assist students in making educational and career decisions. Counselors are actively involved in guidance activities that assist all students in making career choices. They help students in self-assessment, knowledge of educational programs and knowledge of current labor market trends.

SERVICES

Single Parents and Displaced Homemakers--adult single parents and displaced homemakers are served through a network of counseling centers called Centers for New Directions.

Department of Correction--professional-technical education courses are offered at the Idaho State Correctional Institution, Pocatello Women's Correctional Center, North Idaho Correctional Institution, Idaho Correctional Institution at Orofino, Idaho Maximum Security Institution, and Southern Idaho Correctional Institution.

Academic Skills Development--Idaho technical colleges provide academic skills assessment and remediation to enable unprepared and underprepared adults to succeed in professional-technical education programs and in the workplace.